

ABSTRACT

An apparatus for automatically collecting data and digitally transmitting that data to a remote device via a personal communication system transmission system protocol is disclosed. The transmission protocols represent mobile telecommunication systems that operate on a specified radio frequency bandwidth. The apparatus includes a device for sensing and collecting data at a first location. The collected data may be transmitted to a data collection device for storage and/or processing before the data is transmitted to the desired remote device. The data collection device may include a device for processing and storing and which also may be used to convert and encode the data into a desired format and to electronically store the data. It should be appreciated that personal communication systems may encompass any wireless system that employs the use of digital transmission technology to transmit information to a remote receiving device.